

a mounting frame made of metal and having a mounting surface for contact with said external heat sink, said mounting frame including a flange along a periphery thereof for engagement with a peripheral part of said insulating substrate at said first main surface, said flange pressing said peripheral part of said insulating substrate toward said external heat sink to force said insulating substrate into pressure contact with said external heat sink,

wherein said mounting frame further includes:

a first metal plate having said mounting surface, and

a second metal plate disposed directly on and in contact with said first metal plate and having a protrusion along a periphery thereof projecting from a periphery of said first metal plate to define a flange.

REMARKS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1, 3-8, 13-14 are presently active. In the instant response, Claim 1 has been amended to more clearly define the features recited therein.

As a preliminary matter, Applicants acknowledge with appreciation the courtesy of an interview extended by Examiners Chris Chu and Eddie Lee on October 8, 2002. At the interview, differences between the claimed invention and the prior art were discussed. The discussion, during the interview, concerned some of the features of the present invention which are not disclosed or suggested in U.S. Patent No. 6,122,170 to Hirose; U.S. Patent No. 5,638,596 to McCormick; and U.S. Patent No. 6,011,304 to Mertol. For example, discussed features include "a second metal plate disposed directly on and in contact with a first metal plate." Examiner Chu acknowledged that none of the prior art references of record teach or